

SWALLOW.
AN
ALMANACK
for the yeare of our
LORD GOD
1654.

Being the second after Bissextile
or Leap-yeare:

And from the Worlds creation
according to the best account
5658.

Calculated properly for the meridian of
the *Universitie* and Town of
CAMBRIDGE:

Where the pole is elevated 52 degrees and
17 min. above the Horizon.

CAMBRIDGE:
Printed by the Printers to the
Universitie. 1653.

T he Golden Number this yeare is	2
The Cycle of the Sun	11
The Dominicall Letter	A
The Epact	23
Easter day	March 26
Whitsunday	May 14
Sundayes after Trinity	27.
Advent-Sunday	December 3.



This yeare is also from

The	Creation of the World	5658
	Floud of Noah	4001
	Building of London	2761
	Death of Alexander the Great	1977
	Constitution of the Julian yeare	1698
	Passion and death of CHRIST	1611
	Hegyra or flight of Mahomer	1063
	Correction of the Kalender by P. Gregory	71

**The ingresse of the Sunne into the
four Cardinall points.**

		D.	H.	M.		
Into	♈ Aries, March	9.	19.	54.	p.	m.
	♋ Cancer, June	20.	13.	0.	p.	m.
	♎ Libra, Sept.	13.	13.	59.	p.	m.
	♏ Capr. Decem.	11.	1.	27.	p.	m.

A plain

Swallow 1654.

A plain and easie table shewing the true interest
due upon any summe of money from five
shillings to an hundred pounds for a yeare
or under, after the rate of six
pounds in the hundred.

By J. S.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A yeare			
	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	
Shill.	5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	2	0	7	0
	15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	2
	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
Pounds	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	pe. sh. p.			pe. sh. p.			pe. sh. p.			pe. sh. p.			pe. sh. p.			
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0	0
A i																The

A

The

The Anatomie of Mans body, as the parts there-
of are governed by the twelve signes.



The beginning and ending of the Terms.

The first of *Hilarie* Term shall be

On *January* the twentieth three :

And on the twelfth of *February*,

This Term doth end most certainly.

And *Easter* Term from *Easter* day,

The Wednesday fortnight 'gins always

And when the *Ascension* day is past,

Till Monday next this Term doth last.

On Friday after *Trinity*

This Term begins assuredly :

And as our Lawyers all do write,

It ends the Wednesday fortnight.

If *Michaelmas* Term you seek to find,

October the 23 now bear in mind :

It ends as I do well remember,

The twenty eighth day of *November*.

January hath xxx dayes.

New moon the 8 day, 41 minutes past three afternoon.
 First quarter the 15 day, 6 minutes past 7 at night.
 Full moon the 22 day, 38 minutes past 3 afternoon.
 Last quarter the 30 day, 46 minutes past 11 before noon.

1	Circumcision	Scorp.	8 8	<i>Sun rising</i>	3	Fair and Δ ☉ ☾
2	Abel		13 8		2	Δ ☉ ☾ frostie.
3	Enoch		25 8		1	Thick aire and like
4	Telephorus	Sagit.	7 8		0	to be snow.
5	Stinson W.		19 7	59	♂ ☉ ♀	cold
6	Epiphanie	Capr.	17	58	winds S S	☾ ☾
7	Julian		14 7	57	and storms	* ☉ ☾
8	1 fund. aft. Ep.		26 7	55	* ☉ ☾	of rain
9	Erhardus	Aqua.	10 7	54	or snow. Bq.	☾ ☾
10	2 sun in Aqu.		23 7	53	S ☾ ☾	Frostie.
11	Higinus	Pisces	6 7	52	wind	* ☉ ☾
12	Satyrus		10 7	51	V c.	☾ ☉ & storms.
13	Hilary Bish.	Aries	4 7	49	Better weather	
14	Felix.		18 7	47	now.	* ☾ ☾
15	2 fund aft. Ep.	Taur.	2 7	45	various	☾ ☉ ☾
16	Marcel.		16 7	43	and troubled	☉ ☾ ☾
17	Antonius.	Gem.	0 7	42	aire.	
18	Prisca		14 7	40	Cleare S S.	☾ ☉
19	Pontianus.		28 7	38	and freezing.	
20	Octab. Hilar.	Canc.	13 7	36	Windy and Bq.	☾ ☉
21	Agnes.		27 7	34	very cold.	
22	3 fund aft. Ep.	Leo	10 7	32	Clouds scattering	
23	Term begins		24 7	30	snov, with frosty	
24	Timothy	Virg.	7 7	28	weather.	
25	Conv. of Paul		20 7	26	Moist wind.	☉ ☉ ☾
26	Polycarpus.	Libra	3 7	24	something	
27	Quind Hilar		15 7	23	warmer.	
28	Carol. magn.		27 7	21	V c.	☾ ☉. wind, &
29	Sexagesima	Scorp.	9 7	19	storms	☉ ☉ ☉
30	Idelgune		21 7	17	of rain or	
31	Saturntus.	Sag.	3 7	15	snov.	☉ ☉ ☾

February hath xxviii dayes.

New moon the 7 day, 22 minutes past six in the morning.

First quarter the 14 day, 43 minutes past two in the morn.

Full moon the 21 day, 33 minutes past six in the morning.

1	p	Bridget	Sag.	15	7	14	♂ ☉ ♀	This
2	e	Purification		27	7	12		moneth begins with
3	f	Craft. Purif.	Cap.	9	7	10		dark aire, affording
4	g	Gilbet		22	7	8		cold rain or snow.
5	a	Shrovetunday	Aqu.	5	7	6	♂ ♀ ☾	Warmer
6	b	Dorothe		18	7	4		now, but wet & windy
7	c	Shrovetuesday	Pisces	2	7	2	♂ ♀ ☾	warm and
8	d	Sun in Pisces.		16	7	0		windy. ♂ ☉ ♀
9	e	Apollonia	Aries	0	6	58	♀ ☾	Orient. Impetuous
10	f	Octab. Purif.		14	6	56		weather. ♂ ♂ ☾
11	g	Soother		28	6	54	* ☉ ☾	
12	a	Quadragesima	Taur.	13	6	52	Wind. ☐ ♀ ☾	
13	b	Term ends		27	6	50	☐ ♀ ☾	temperate.
14	c	Valentine	Gem.	11	6	48		small rain Δ ♀ ♀
15	d	Faustine		26	6	46		or snow.
16	e	Juliana	Canc.	9	6	44	Δ ☉ ☾	warmer.
17	f	Polycronus		22	6	42		Moist weather.
18	g	Concord	Leo	6	6	40	♀ 2 16 *	
19	a	1 sund. in Lent		19	6	38		A cold time Δ ♀ ♂
20	b	Mildred	Virg.	3	6	36		with some snow and
21	c	79 Martyrs		16	6	34		frost.
22	d	Cath. Peter		28	6	32	♂ 24 18 ♀	
23	e	Polycarpus	Libra	11	6	30		Venus enters Taurus
24	f	Matthias Ap.		23	6	28	♂ ♂ ☾	
25	g	Victorine	Scorp.	5	6	26		wet weather. * ♀ ♀
26	a	3 sund. in Lent		27	6	24	♂ ♀ ♀	vehement
27	b	Augustine		29	6	22		winds, with Td. ♀ ♀
28	c	Osvald bish.	Sag.	11	6	20		cold storms, Vc. ♀ ☉

March hath xxxi dayes.

Laſt quarter the firſt day, 22 min. paſt eight morning.

New moon the 8 day, 20 min. paſt ſix at night.

Firſt quarter the 15 day, 9 minutes paſt ten before noon.

Full moon the 22 day, 3 minutes paſt ten at night.

Laſt quarter the laſt day, 48 minutes paſt one in the morn.

1	D	Davſd	Sag.	23 6	18	Temperate and warm
2	E	Chadde	Cap.	5 6	16	till the fifth or ſixth
3	F	Martine		17 6	14	day. * ☉ ☾
4	G	Adrian	Aquar.	0 6	12	☿ ☽ ☾
5	A	Midlent ſund.		13 6	10	Unconſtant cold wind
6	B	Frdeline		26 6	8	and clouds.
7	C	Perpetua	Piſc.	10 6	6	More mild and
8	D	Felix		24 6	4	temperate theſe
9	E	40 Martyrs	Aries	9 6	2	dayes.
10	F	Sun in Aries		23 6	0	Δ ☽ ☾
11	G	Candids	Taur.	8 5	58	Good for ☽ ☽ ☾
12	A	5 ſund. in lent		23 5	56	the ſpring.
13	B	Euphraſe	Gem.	7 5	54	* ♀ ☽ Fine warm
14	C	Leo Biſh		22 5	52	weather.
15	D	♀ 12 3 2 8	Canc.	6 5	50	♂ ☉ ♀ very great
16	E	Cyriacus		19 5	48	winds.
17	F	Gertrude	Leo	3 5	46	Δ ☉ ☾ Warm &
18	G	Edward B		16 5	45	ſeaſonable.
19	A	Palm-lunday		29 5	43	SS. ☉ ♀ very fine
20	B	Cuthbert	Virgo	12 5	41	weather till the 22
21	C	Benedict		24 5	39	day.
22	D	Aphrodoſius	Libra	7 5	37	♂ ☽ ♀ great windy
23	E	Theodorus		19 5	35	ſtorms, and perhaps
24	F	Agapitus	Scorp.	1 5	33	ſome thunder about
25	G	Annun of Mar		13 5	31	theſe dayes.
26	A	Eaſter day		25 5	29	At Eaſter better
27	B	Dyſſpar	Sag.	7 5	26	weather. ☿ ♀ ☾
28	C	Dorothe		19 5	24	ſome wind. Td. ☽ ♀
29	D	Victorine	Capr.	1 5	22	SS. ☉ ☽ Warm:
30	E	Quirinus		13 5	20	but dark aire and
31	F	Adelmus		25 5	18	mixed weather.

April hath xxx dayes.

New moon the 7 day, 50 minutes past 3 in the morning.
 First quarter the 13 day, 31 minutes past six at night.
 Full moon the 21 day, 56 minutes past one afternoon.
 Last quarter the 29 day, 6. min. past foure afternoon.

1	a Hugo	Aqua. 8 5	16	This moneth of April
2	a Low Sunday	21 5	14	is like to prove moist
3	b Richard bish.	Pisc. 4 5	12	enough. The second
4	c Ambrose	18 5	10	day is cool, the fifth
5	d Hartman	Aries 2 5	8	flecting weather.
6	e Sixtus	17 5	6	On the 6 and 7 Mars
7	f Egisippus	Taur. 2 5	4	raiseth showers, with
8	g Euphemia	17 5	2	wind on the 8, and
9	a fund. afr. East	Gem. 2 5	0	hail on the ninth.
10	b Sun in Taur.	17 4	58	* h ☾
11	c Guthlacus	Canc. 2 4	56	Cloudy * ♀ ☾
12	d Term begins.	16 4	54	* ♀ ☾ Fair and
13	e Justine	Leo 0 4	52	good. ☼ ☾
14	f Tiburtius	13 4	50	♂ h ☾
15	g Olympia	26 4	48	♀ with the Pleiades
16	a 3 fund. afr. East	Virg. 9 4	46	raising wind and wet.
17	b Anicete	21 4	45	△ ♀ ☾ thunderlike
18	c Valerian	Libr. 4 4	43	The 18 warm.
19	d Osmond	16 4	42	the 19, 20, 21 showers
20	e Victor B	28 4	40	♂ ♀ ☾
21	f Simeon	Scorp. 10 4	38	△ ♀ ☾ warm.
22	g Bother	22 4	37	some wind ♂ ♀ ☾
23	a 4 fund. afr. East	Sag. 4 4	35	♂ ♂ ☾ warm and
24	b Mens. Pasch.	16 4	34	temperate till the
25	c Mark Evang.	28 4	32	twoplast dayes.
26	d Cletus	Capr. 10 4	30	* ☼ ♀ 15 p.
27	e Anastatus	22 4	28	some fair wind and
28	f Attalis	Aquar 4 4	27	warm. △ ♂ ☾
29	g Peter Mill.	16 4	25	☼ ♀ ☾ Rainy &
30	a Rogation sun.	29 4	24	dark weather.

May hath xxxi. dayes.

New moon the 6 day, 22 minutes past 11 before noon.
 First quarter the 13 day, 40 min. past foure in the morning.
 Full moon the 21 day, 22 minutes past five in the morning.
 Last quarter the 29 day, 52 minutes past 2 in the morning

1	b	Philip & James	Pices	13	4	21	♂ ♀ ☾ a fine day.
2	c	Thanasius		26	4	21	Turbulent * ☾ ☾
3	b	Invent. cruc.	Aries	11	4	19	* ♂ ☾ an ill time
4	c	Ascension day		25	4	17	for the fruits of the
5	c	Craft. Ascens.	Taur.	10	4	16	earth & trees. * ♀ ☾
6	a	John Port Lat		26	4	14	windy and cool ☾ ☾
7	a	6 fund. aft. East	Gem.	1	4	13	something warmer.
8	b	Term ends		16	4	11	cleare weather * ☾ ☾
9	c	Nicholaus	Canc.	11	4	9	Δ ♀ ☾
10	b	Gordianus		26	4	7	The weather begins
11	c	Sun in Gem.	Leo	9	4	6	to be hou & soon after
12	c	Pancrattus		23	4	5	☾ ♀ ♂ tempestuous
13	a	Herbasius	Virgo	6	4	4	☾ ☾ ☾
14	a	Whitunday		18	4	2	☾ ♂ ☾ hot weather
15	b	Sophia	Libra	1	4	1	some thunder Δ ☾ ☾
16	c	Belgune		13	4	0	☾ ☾ ☾ ☾ ☾ ☾
17	a	Bern. transf.		25	3	59	☾ ☾ ☾
18	c	Potentius	Scorp.	7	3	58	☾ ☾ 20 8 ☾
19	c	Dunstane		19	3	57	☾ ☾ ☾ wind and
20	a	Bernhardine	Sagit.	1	3	56	cloudy. ☾ ☾ ☾
21	a	Trinity funday		13	3	55	☾ ☾ ☾
22	b	Craft. Trin.		25	3	54	☾ ♂ ☾ thunder &
23	c	Desiderius	Capr.	7	3	53	some sudden rain a-
24	b	Servulus		19	3	52	hour these dayes.
25	c	Corp. Christi	Aquar.	1	3	51	Td. ☾ ☾
26	c	Term begins		13	3	50	Dry winds and
27	a	☾ ☾ ☾ ☾ ☾ ☾ ☾		26	3	49	clouds.
28	a	1 fund. aft. Tr	Pices	9	3	48	thunder somewhere
29	b	Octab. Trin.		22	3	48	☾ with the 7 starres
30	c	Wigam	Aries	5	3	47	windy ☾ ♂ ☾
31	b	Petronell		19	3	47	something cloudy.

June hath xxx dayes.

New moon the 4 day, 15 minures past six at night.
 First quarter the 11 day, 52 min. past soure afternoon.
 Full moon the 19 day, 8 min. past eight at night.
 Last quarter the 27 day, 54 minutos past ten before noon.

1	e	Nichomede	Taur.	4	3	46	Very	♂	♀	☾		
2	f	Marcelline		19	3	46	Δ	☉	♊	fine		
3	g	Erasmus	Gem.	4	3	45	weather	*	☉	☾		
4	a	2 sund. aft. Tri.		19	3	45	for many dayes.					
5	b	Quind. Trin.	Canc.	4	3	44	♂	♂	☾	Hot and		
6	c	Claudius		19	3	44	Q.	♊	♀	dry cleare		
7	d	Wolstane	Leo	4	3	44	SS	♂	♀	with a little		
8	e	Medard		18	3	43	wind. Sultery and					
9	f	Felician	Virg.	1	3	43	*	♂	☾	unwhole		
10	g	Onuphrus		14	3	43	Q	♊	♀	some aire.		
11	a	San in Cancer		27	3	43	♂	♊	☾	Fair and		
12	b	Tres Trin.	Libra	10	3	43	cleare, but tending					
13	c	Felicula		22	3	43	Td	♊	♂	to thund		
14	d	Term ends.	Scor.	4	3	43	SS	♀	♀.	Δ	☉	☾
15	e	Alitus		16	3	44	Rainy and	♂	♀	☾		
16	f	Roseland		28	3	44	☒	h	☾	windie		
17	g	Botolph	Sag.	9	3	45	weather.	☒	♊	♀		
18	a	4 sund. aft. Tri.		21	3	45	Clouds. and perhaps					
19	b	Marcellan	Cap.	3	3	46	dropping.	♂	☉	☾		
20	c	Silbertus		16	3	46	*	♊	♀	some sud-		
21	d	Walbur		28	3	47	den rain	☒	♊	♀		
22	e	Albane	Aqu.	10	3	47	Td	☉	♊	or thund		
23	f	Etheldred		23	3	48	very good	☒	♀	☾		
24	g	John Baptit	Pisc	6	3	48	weather, if the 23					
25	a	5 sund. aft. Tri		19	3	49	Td	♊	♀	be fair.		
26	b	John & Paul	Aries	2	3	49	*	♀	☾	Indifferent		
27	c	7 Sleepers		15	3	50	☒	♂	☾	hot the 27.		
28	d	Leo Bish.		29	3	51	♂	☉	♀	wind, and in		
29	e	Peter Apolt.	Taur.	13	3	51	the monethsend thun-					
30	f	Com. of Paul		28	3	52	♂	♂	♀	der or hail.		

July hath xxxi dayes.

New moon the 4 day, 35 min. past one in the morning.
 First quarter the 11 day, 28 min. past 7 in the morning.
 Full moon the 19 day, 4 minutes past ten before noon.
 Last quarter the 26 day, 49 minutes past foure afternoon.

1	g	Theobald	Gem.	13	3	53	Δ 4 ♀	dry winds
2	a	6 Sun. aft. Tr.		28	3	54		now and then the first
3	b	Hyacinth	Canc.	13	3	55		five dayes.
4	c	Miricus		27	3	56	Δ 4 ☾	Fair
5	d	Anselm	Leo	12	3	57	Δ ☉ 4	and clear
6	e	Tranquilline		26	3	58		Thick aire and
7	f	Becket	Virg.	10	3	59		sickly enough. Calm
8	g	Chiltauus		23	4	0		and something cool.
9	a	7 Sund. aft. Tr.	Libra	6	4	1	Δ ♀ ☾ *	♀ ☾
10	b	7 Brethren		18	4	3		Great heat with
11	c	Plus	Scorp.	0	4	4		thunder or hail
12	d	Jason		12	4	6		about this time.
13	e	Sun in Leo.		24	4	7	☐ h ☾	
14	f	Iustus	Sag.	6	4	8	☾ spog.	
15	g	Divis. Apo st		18	4	10		Rain-like or some-
16	a	8 Sund. aft. Tr.	Capr.	0	4	11		thing cloudy.
17	b	Alexius		12	4	13	☉ 4 19 Ω	
18	c	Kolina		24	4	15	* 4 ☾	
19	d	Dog dayes beg.	Aquar.	7	4	16		Very hot ☉ h ♀
20	e	Margaret		19	4	18		weather, with wind
21	f	Arbogast	Pisc.	2	4	19		or some moysture the
22	g	Mary Magd		15	4	21		19 day, or twentieth.
23	a	9 Sund. aft. Tr		29	4	22	☐ ♀ ☾	
24	b	Christin	Arits	12	4	24	* h ♀	
25	c	James Apost.		26	4	26	* ♀ ☾	Hot and
26	d	Anna	Taur.	10	4	27	☐ ♂ ☾	dry.
27	e	Martha		24	4	29		Rain at night.
28	f	Anthaleon	Gem.	8	4	30	* ♂ ☾	
29	g	Beatrice		23	4	31	* h ☾	
30	a	10 Sun. aft. Tr.	Canc.	7	4	34	Rain ☉ ♀ ☾	
31	b	Germane		22	4	36	Δ 4 ☾	Fair.

August hath xxxi dayes.

New moon the 2 day, 20 min. past 10 morn. ☉ eclipsed.

First quarter the 9 day, 41 min. before one in the morning.

Full moon the 17 day, 48 min. past 10 at night. ☾ eclipsed.

Last quarter the 24 day, 9 min. past ten at night.

New moon the 31 day, 25 minutes past nine at night.

1	c	Winc. Petr.	Leo	6	4	37	Hot and drie.
2	d	Stephen		20	4	39	A great eclipse of
3	e	Hermel	Virg.	4	4	41	the Sunne.
4	f	Artstarchus		18	4	43	Pleasant weather
5	g	Oswaldus	Libra	1	4	44	for harvest.
6	h	11 Sund.af. Tr.		14	4	46	* ♂ ☾ Expect
7	i	Altrice		26	4	48	vehement great
8	j	Cyriacus	Scorp.	8	4	50	winds.
9	k	Augustus		20	4	52	△ ♀ ☾
10	l	Lawrence	Sag.	2	4	54	☐ h ☾
11	m	Thurcius		14	4	56	Great heat and
12	n	Clare		26	4	58	thunder, as also
13	o	Sun in Virgo	Capr.	8	5	0	hail in some
14	p	Eusebins		20	5	2	♂ ♀ ☾ places.
15	q	Assump. of Mar	Aquar.	2	5	4	△ ♀ ☾ Rain or
16	r	Roch		15	5	6	red clouds.
17	s	Damance		28	5	8	A small eclipse of
18	t	Helen	Pisces	11	5	10	the Moon.
19	u	Sebalus		25	5	12	some rain and
20	v	13 Sund.af. Tr.	Aries	9	5	14	wind.
21	w	Cyriaca		23	5	16	thunder. △ ♂ ☾
22	x	Symphozian	Taur.	7	5	18	Missing clouds.
23	y	Sacheus		21	5	19	Hotter weather.
24	z	Barth. Apost.	Gem.	5	5	21	☐ h ☾ cool morn.
25	a	Lewis		19	5	23	☐ ♀ ☾ temperate
26	b	Irenus	Canc.	3	5	25	* h ☾ weather
27	c	Dog. dayes end		17	5	27	temperate and
28	d	Augustine	Leo	1	5	29	good.
29	e	Decol. J. B.		15	5	30	☉ 15 45 ♀ wind
30	f	Felix		29	5	32	Hail or some moy-
31	g	Danlinus.	Virg.	12	5	34	sture.

September hath xxx dayes.

First quarter the 8 day, 50 minutes past six at night.
 Full moon the 16 day, 29 minutes past ten before noon.
 Last quarter the 23 day, 20 minutes past 4 in the morning.
 New moon the last day, 9 minutes past 11 before noon.

1	Egidius	Virg.	26	5	37	♂ ♀ ☉	This
2	Veronica	Libra	9	5	39		moneth affords us
3	15 sund.ast. Tr.		22	5	40		many blustering blasts
4	Theodosia	Scorp.	4	5	42		and dayes of wind.
5	Zacharias		16	5	44	* ♀ ☾	
6	Magnus		28	5	46	☐ ♀ ☾	
7	Regina	Sagit.	10	5	48	☾	apog.
8	Nat. of Mary		22	5	50		The 8 and 9 very
9	Gorgontius	Cap.	4	5	52		windy. ♂ ♀ ♀
10	16 sund.ast. Tr		16	5	54	* ♀ ☾	
11	Felix		28	5	56		Various and un-
12	Gudon	Aqu.	10	5	58		constant.
13	Sun in Libra		23	6		•	Scarfe fair.
14	Exaltatio cruc.	Pisc.	6	6	2	♂ ♂ ☾	
15	Picodemus		20	6	4	♂ ♀ ☾	very
16	Euphemius	Aries	4	6	6		windy.
17	17 sund.ast. Tr.		18	6	8	SS. ☉ ☾	cloudy.
18	Fereolus	Taur.	2	6	11	☐ ♀ ☾	
19	Iannarius		17	6	13	☐ ♀ ☾	
20	Fausta	Gem.	1	6	15		Cool and moy ft.
21	Matthew Ap.		16	6	18	☐ ♀ ☾	
22	Marcellinus	Canc.	0	6	20	* ☾ ☾	
23	Eloas		14	6	22		Warm, but tur-
24	18 sund.ast. Tr		28	6	24		bid aire.
25	Cleophas	Leo	11	6	26		Good weather and
26	Cyprian		25	6	28		more mild.
27	Col. & Dam.	Virgo	8	6	30		Rain or clouds, if
28	Wenceslaus		21	6	32		not some thunder.
29	Michael Arch.	Libr.	4	6	34	♂ ☾ ♀	very
30	Quirinus		17	6	36		good weather.

October hath xxxi dayes.

First quarter the 8 day, 56 minutes past one afternoon.

Full moon the 15 day, 10 minutes past nine at night.

Last quarter the 22 day, 36 minutes past noon.

New-moon the 30 day, 40 minutes past three in the morn.

1	19	sun. aft. Tr.	Scorp.	06	39	SS	h	♀	Wind and
2	b	Leodegar		126	41	clouds.			Cleares up
3	c	Maximian		246	43	Bq	♂	♂	toward night
4	d	Francis	Sag.	66	45				the second day.
5	e	Placidus		186	47	♂	♂	♀	showers of
6	f	Faith	Capr.	06	49	Vc	♂	♀	rain with
7	g	Sergius		126	50	SS	♂	♂	some wind.
8	a	20 fund. af. Tr.		246	52	sudden			storms
9	b	Dionysius	Aqu.	66	54	blown			up,
10	c	Gereon		186	56	A			more welcome
11	d	Burchard	Pisc.	16	58	temper			follows and
12	e	Colman		147	0	holds			a while ♂ ♀ ☾
13	f	Sun in Scorpio		287	2	Wind			and wet.
14	g	Calixtus	Aries	127	4				
15	a	21 fund. af. Tr.		267	6	SS	♂	♀	some hail
16	b	Gallus	Taur.	117	8	SS	♂	♀	cool and
17	c	Florentius.		267	10	unconst.			
18	d	Luke Evang.	Gem.	117	12	☾	♂	♀	Fair.
19	e	Protente		267	14	wind	♂	♂	♀
20	f	Ires Mich.	Canc.	107	15	and	Δ	♀	☾
21	g	Arsula		257	17	wet	very	* ☾	h
22	a	22 fund. af. Tr.	Leo	87	19	much			and often.
23	b	Term begins		227	20	☾	♀		some crosse
24	c	Salome	Virgo	57	22	Δ	♂	♀	winds.
25	d	Thalpin		187	24	Cool			enough.
26	e	Imandus	Libra	17	25	snow	and	♂	♂ ☾
27	f	Mens. Mich.		147	27	rain	the	26	and 27.
28	g	Simon & Jude		267	29	Q	h	♀	unquiet and
29	a	23 fund. aft. Tr.	Scorp.	87	30	SS	h	♂	cloudy aire.
30	b	Theonestus		217	32	wind	and	♂	♀ ☾
31	c	Wolfgang	Sag.	37	33	wet.	Td	♂	♀

November hath xxx dayes.

First quarter the 7 day, 18 minutes past eight morning.
 Full moon the 14 day, 28 minutes past 7 in the morning.
 Last quarter the 20 day, 57 minutes past 11 before noon.
 New moon the 28 day, 18 minutes past ten at night.

1	D	All Saints.	Sagit.	25	7	35	This moneth begin
2	E	All Soules		27	7	37	with moist winds
3	F	Craft. anim.	Capr.	8	7	39	and clouds. ☐ ♂ ☾
4	G	Stierius		20	7	40	* ☉ ☾
5	A	Powder Treas.	Aquar.	2	7	42	* ☿ ☾
6	D	Leonard		14	7	44	Vc. ♃ ♂. Δ ♂ ☾ warm
7	E	Florentius		27	7	45	Td. ☉ ♃ enough.
8	D	Claudian	Pisc.	9	7	47	More cool on the 9,
9	E	Theodoze		22	7	49	☐ ♄ ♀ with wind and
10	F	Crastus	Aries	6	7	51	clouds or fleet. Δ ☿ ☾
11	G	Martin Bish.		20	7	52	* ♄ ♀ weather.
12	A	Sun in Sagitt.	Taur.	5	7	54	☐ ♃ ♀ more wind
13	B	Witte.		19	7	55	Obscure dull
14	E	Frederick	Gem.	5	7	57	dark weather.
15	D	Leopoldus		20	7	58	Δ ♄ ♀ snow, wind,
16	E	Othmar	Canc.	5	7	59	B q. ♃ ♂ or rain a-
17	F	Anianus		20	8		bout the 15 or 16.
18	G	Octab. Mart.	Leo	4	8		1 the 17, 18, 19 better
19	A	26 fund. af. Tr.		18	8		2 * ♂ ☾ weather.
20	B	Agapitus	Virgo	2	8		3 ♄ ♀ cold rain or
21	E	Plesen. Mar.		15	8		4 ☐ ☉ ♄ snow, with dul
22	D	Cecily		28	8		5 SS ♂ ♀ dark weather
23	E	Clement	Libra	11	8		6 about the 20, 21, 22
24	F	Chrysogonus		23	8		7 T d. ♃ ♀ and 24.
25	G	Quind. Matt.	Scorp.	5	8		8 * ♀ ☾
26	A	27 fund. aft. Tr		18	8		9 ☐ ☉ ♃ winds
27	B	Agricola	Sag.	0	8		10 clearing the aire.
28	E	Terin ends		22	8		11 Fair and ☐ ♃ ☾
29	D	Saturr		23	8		12 goed. * ♄ ☾
30	E	Andrew Apost	Capr.	5	8		13 wind and clouds.

December hath xxxi dayes.

First quarter the 7 day, 48 minutes before one in the mor.
 Full moon the 13 day, 47 minutes past five at night.
 Last quarter the 20 day, 29 minutes past two afternoon.
 New moon the 28 day, 51 minutes past 7 at night.

1	f	Eligius	Capr.	17	8	14	Δ	h	♀	wind and
2	g	Lando		29	8	15	☐	♂	☾	clouds,
3	h	Advent-land.	Aquar.	11	8	15				but not greatly cold
4	h	Barbara		23	8	16				till the fifth day.
5	f	Sabine	Pisces	6	8	16	■	h	♀	cold rain
6	d	Nicholas		18	8	16				or snow. * ♀ ☾
7	e	Agathon	Aries	1	8	16				Like to freez about
8	f	Concep. Mar		15	8	17				this time.
9	g	Joachim		29	8	17	♂	♂	☾	
10	h	1 fund. in Adv	Taur.	13	8	17				cold abared.
11	d	The shortest d.		28	8	17				rain Q. ♂ ♀
12	e	Sun in Capric	Gem.	13	8	17				the 21, and 22.
13	d	Luce		28	8	17	♂	☉	☾	
14	e	Nicasius	Canc.	13	8	17				The wind in the
15	f	Valerianus		28	8	16				south.
16	g	O Sapientia	Leo	13	8	16				Warm for the
17	h	3 fund. in Adv.		27	8	16				time, but with trou-
18	d	Christopher	Virgo	11	8	16				bled aire or crosse
19	e	Pemellus		24	8	15				winds. The 20
20	d	Senon	Libra	7	8	15				more windie and
21	e	Thomas Apost		20	8	14				cool. The 21 cold
22	f	Therese	Scorp.	2	8	14				and like to snow, or
23	g	Marg. virg.		15	8	13				be dark and obscure.
24	h	4 fund. in Adv.		27	8	12				the 23, 24, 25 cold
25	d	Christ born	Sagit.	8	8	11				abared; but not
26	e	S. Stephen		20	8	10				without wind and
27	d	S. John Evang.	Capr.	2	8	9				wet the 25. frost the
28	e	Prophets		14	8	8				27 winterly weather.
29	f	Crothentus		26	8	7	Δ	h	♀	☾
30	g	David R.	Aqua.	8	8	6				Frost * ☉ ♀
31	h	1 fund. af. Cht.		20	8	4	☐	♂	☾	☾ ☾

SWALLOW.

The latter part of this
ALMANACK
for the year of our
LORD GOD
1654.

Being the second after Bissextile, or
Leap-yeare, and from the Conquest
of *England* by Duke *William*
588.

Wherein we have the time of the Eclipses set down
together with their significations: as also a
figure of the Heavens at the time of the
Suns entrance into *Aries*; with di-
vers other things worthy of
observation, and not un-
fit for such a book.

CAMBRIDGE:

Printed by the Printers to the
Universitie. 1653.

The natures of the seven Planets.

Those that we call the seven Planets, are *Saturn*, *Jupiter*, *Mars*, *Sol*, *Venus*, *Mercurie*, *Luna*.

1. ♄ *Saturn* is cold and dry, stirres up and increaseth melancholy.
2. ♃ *Jupiter* is temperately hot and moist, works most upon sanguine complexions, stirring up and increasing that humour.
3. ♂ *Mars*, through his heat and immoderate drinesse, stirres up and increaseth choler; and so often proves an accidentall cause of brawlings, fightings, warres, and the like: besides such sicknesses as may come by the super-abundancie of that humour.
4. ☉ *Sol*, the Sunne, is moderately hot and dry, greatly cherishing all kind of creatures.
5. ♀ *Venus* is cold and moist, but it is in a temperate manner; and as for her operation, it is seen most in phlegmatick complexions.
6. ☿ *Mercury* is said to be dry in respect of his own nature; but joyned to any of the other Planets, he puts upon him their natures, and works as they work.
7. ☾ *Luna*, the Moon, she follows next; is well known to be the mistresse of moisture, and said to be cold and moist, intemperate.

Swallow 1654.

Of the Eclipses this yeare 1654.

THere will be this yeare visible in our Horizon, two small Eclipses of the Moon, and one (a great one again) of the Sun.

The first of the Moon will be on the 21 day of February, and beginneth with us at *Cambridge* at 7 minutes past five in the morning: the middle (or greatest obscuration) will be at 15 minutes past six; and the end at 23 minutes past seven. So that the whole time will be two houres and 16 minutes; and the parts eclipsed 4 digits, 1 minute, and 16 seconds. The effects continue much about 68 dayes, and will begin to shew themselves about the 16 day of March next; continuing till about the 23 day of May. *Jupiter* and *Venus* be the chief rulers, with *Mars* who hath also some small power. The Spring I therefore think will be grateful, warm, forward; and seasonable, with many April showers. But as the yeare riseth we must expect hotter and drier weather, with various changes of aire, and diseases pestilentiall; because *Mars* is Lord of the yeare, and *Saturn* in *Leo* retrograde, with North latitude at the Sunnes entrance into *Aries*.

The next is that great eclipse of the Sunne, on the second day of August. It beginneth with us at and about *Cambridge* three quarters of an houre past 7 in the morning; is at the

B 2

greatest

Swallow 1654.

greatest darknesse 57 min. past eight, and endeth at 15 min. past ten: so that the whole time is two houres and an half, and at the greatest darknesse is eclipsed to the quantity of ten whole digits; which sheweth that this Eclipse is but one digit lesse then that in 1652. And note, that that little light which remains at the time of the greatest darknesse, will be on the South side of the Sun, and no where else; appearing like the new Moon three minutes before nine. The effects of this Solar Eclipse begin about the 16 day of November, continuing two yeares and six moneths, and are much regulated by *Jupiter* and *Venus*, who are also chief in the first eclipse of the Moon, as before was noted; and do both here and there (according to their power) signifie much good in what is pertinent to their kind. But it is hard to say what may be meant by the position of *Saturn* and *Mars* in the celestiaall scheme of this eclipse: only in probability it may be conjectured, that because they are in *Leo*, and have beset the Sun in the eleventh house, &c. that therefore they scarce promise any good to persons of eminencie in *Italy*, or some of those places that be under *Leo*: but who they are, it is not I but time that must discover; which will make it appeare that those thus threatned, shall suffer even by them whom they take to be their very friends. But the most of this will be in the yeare 1655. The

Swallow 1654.

The next and last is an eclipse of the Moon, even at the next full Moon after the Suns eclipse: it is on the 17 of August, beginning at 44 min. past 9 in the evening: the greatest darknes at 39 min past 10, and ends at 34 min. past 11: so that the whole time (from first to last) is one houre and 50 min. being darkned at the greatnest darknes no more then two digits and 36 min. This is but a small eclipse, the effects whereof continue but 55 dayes, and begin not to appeare till about the 29 of December; from whence they continue untill the 22 of February next, and are much regulated by *Mercury* and *Saturn*, who have the chiefeft dominion in this eclipse. But the eclipse being small, they can do but little harm: onely I think they may shew themselves in some turbulent stormy winds, and cold crabbed weather in the moneths aforesaid; as also in coughs, shortnes of wind to old folks, and quatern agues, as in the next yeare will appeare. And thus much of the eclipses: onely note, that the first eclipse of the Moon will be seen of us but in part: for before it be quite ended the Moon sets in the West, and goes to bed that the Sun may rise, which will be just at 23 min. past the middle of the eclipse, and full 45 before it endeth.

*Felices animæ quibus hæc cognoscere primum,
Inque domos superas scandere cura fuit.*

Swallow 1654.

Of a Year.

IN all matters Legal, the year begins not with us untill the 25 day of *March*, so that the year which doth beginne on the first of *January* is the Julian year, instituted by *Julius Cesar*.

Of a Day.

A day, in all Legall or Law matters, is accounted but from Sun to Sun: so that one who hath a sum of money to pay on a set day by bond, need not tender his money before or after Sun. This kind of day is that which we call an artificiall day; but a day naturall is to be accounted from midnight to midnight, and so do they reckon the day for indictments of murder.

Of Matthias in the leap-year.

In every Leap-year, the 24 and 25 dayes of *February*, in suits at Law, are to be accounted both as one. But for keeping of Fairs, those which use to be on the 24 must be kept on the 25, because *Matthias* is not untill the 25 when it is Leap-year.

Swallow 1654.

Of the Prime.

The Moon is said to be primed when she is three dayes and eighteen hours old, being then in her half quarter and four parts of the compasse eastwards from the Sun.

*Of the four Cardinal winds, together
with their effects, in breeding or
bringing Sicknesse.*

THe East wind called *Subsolanus*, breedeth in cholerick bodies sharp feavers, raging madnesse, and perilous Apostumations: in winter it is ever cold, it bloweth seldome in the night, and this one thing is proper to it, if that it do chance to bring rain, it continueth a whole day together.

The South-wind called *Auster*, is of nature hot and moist: it breedeth corrupt humours, and in hot bodies cramps, giddinesse in the head, or the falling sicknesse, pestilence, and cruel Feavers.

The West-wind called *Favonius*, is of nature cold and moist; it breedeth phlegme in moist bodies, it procureth sleep, breedeth Apoplexies, and the like. In the spring it greatly refresheth all things, brings abroad the bloud, and

Swallow 1654.

and the sound humours, which lay hid in winter, much refreshing the mind. Howbeit near the end of Autumn, when winter beginneth to approach, it then grows churlish both on sea and land.

The North-wind called *Septentrio*, is of nature cold, and it is good against the Pestilence, and yet in cold bodies it breedeth plurisies, coughs, gouts, and in some squinances; yet of all winds it is held to be the wholesomest, although it be the sharpest in our winter moneths

Note that what is spoken thus of their effects, is meant of their long standing in the said quarters.

Know also that a continual still Summer, is a signe of Plague or Earth-quake.

*Of Bloud-letting, and some other
Physicall Observations.*

IN youth, let bloud from the change to the first quarter.

In middle age, from the first quart. to the full

In elder years, from the full to the last quarter

And in old age, from the last quarter to the change.

But know that under the age of 14, and above 56, it is not good to bleed at all.

Again in the *Canicular*, or *Dog-daies*, it is very

very hurtfull to take any physick, unlesse there be great need: and indeed necessity hath no law; wherefore in such a case, the disease being desperate, the cure must be adventured?

Take a purgation when the moon is in *Trine* or *Sextile* aspect with *Venus*, decreasing in any of these three signes, *Cancer*, *Scorpio*, or *Pisces*, and it will be sure to work the better, because when a moist planet in a moist signe hath such an aspect, the humours in the body are then stirred up and down, and so the better purged out. Wherefore in this case it cannot be amisse to prepare humours by something or other which is laxative: and let this be while the moon is either in *Gemini*, *Libra*, or *Aquarius*.

Take a vomit that it may work throughly, when the moon is in *Aries*, *Taurus*, or *Capricorn*. And know that the aspects of the moon in *Saturn*, or *Mars*, or the moon in *Leo*, ought to be eschewed, in the taking of medicines. Finally, if necessity urge no hast, these observations are expedient: for it is a plain truth, that the change of weather upon differing aspects, doth greatly change and alter our bodies.

Things good for the eyes.

All green colours, cold water, fennel, the water of white roses distilled, celendine, eye-bright, vervine, agrimony, cloves; and for hot eyes the juice of Hous-leek, softly boiled in the

Swallow 1654.

the shell of a new-laid egg, till it be clean scummed, is very good.

Things ill for the eyes.

TO look much at red colours, or at fire, to read soon after supper, to eat garlick, onions, radish-roots, salt-meats, coleworts, and pulse, as also to drink wine that is both thick and sweet; smoke likewise and dust be very bad, and to anoint the eyes with Bats-bloud will clean put them out. according to the old proverb, *The bloud of a Bat will make a man see as well by night, as by day:* which may well be in him that cannot see at all.

Things good for the Brain.

TO smell to camomil, musk, or red-roses, to wash the temples often with rose-water, to eat sage measurably, to drink wine not overmuch, to keep the body-warm, to wash the hands often, to walk and sleep measurably, to eat mustard and pepper, and not to be troubled with too much noise.

Things ill for the Brain.

LAte suppers, much sleep after meat, anger, to smell to a white rose, garlick, onions, much milk and cheese, to stand long against your use bare-headed, to eat hastily and overmuch, to eat too liberally on any kind of brains, much sweat
in

Swallow 1654.

in labour or travell, and a besotted practise, or daily course of drinking.

Other notes fit to be known.

NOte that sixty minutes make an hour. Forty five minutes make three quarters of an hour. Thirty minutes make half an hour. Fifteen minutes make a quarter of an hour. Twelve inches make a foot. Three feet, or 36 inches make a yard. Three feet 9 inches, or 45 inches make an ell. Sixteen feet six inches make one pole or rod to measure land withall. Forty poles make one Furlong. Eight Furlongs make one mile. Five foot make a pace : 1000 such paces make an *Italian* milie, which is shorter by 280 foot, then the *English* mile.

*Observations for Husband-men,
and others.*

IN *January* take away superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree-roots, cut your vines in some of the twelve dayes.

Set quick-sets, roses, and sallets, in the moneth of *February*. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

In *March* you may graft; but in planting and grafting chuse a warm time; wherefore let not
the

the wind be in the *East* or *North*, because such winds are commonly nipping, especially being helped by any aspect of the moon, with *Saturn* or *Venus*, in cold signes; as *Virgo*, *Capricorn*, *Taurus*, *Scorpio*, *Pisces*, or *Cancer*.

In the end of *April*, or beginning of *May*, set and sow tender herbs and seeds in your gardens, in a good temperature of air.

If you mean to preserve flowers or seeds, gather them in a full Moon; let the sun shine first upon them, and they will keep the better. But let them not be dried in the sun, lest the sun draw away part of their virtue.

Remove young trees either in the end of *October*, *November*, or *February*, the moon increasing; and be sure to set that side south which was south before; because it cannot endure the cold north.

Shear sheep the moon increasing, and their fleeces will grow the better again. The like observe for cutting of hair, the moon in *Taurus*, *Scorpio*, or *Libra*.

Geld cattel the moon in *Aries*, *Sagittarius*, *Capricorn*, being in her last quarter.

Gather all fruits that you mean to keep, in a dry time when the moon is at the full.

Sow all such seeds as have round roots (as onions, leeks, turneps, &c.) either three or four dayes before the full, or three or four dayes after the full.

Swallow 1654.

Of many and sundry Fairs in *England*, as they have heretofore been set forth by others, and are now continued for the common good.

January.

THE 5 day at Hicketford in Lancashire: the 6 day at Salisbury: the thursday after at Banbury: the 25 at Gravesend, Bristol, Churchingford, Northallerton in Yorksh. every wednesday from Christmas untill June.

February.

The first day at Bromly in Lancashire: the 2 day at Reading in Barksb. Maidstone, Bicklesworth, Becklesfield, Bath, Lin, Bugworth: the 3 day at Borgrove: on Valentines day at Owndle in Northamptonshire, Faversham: the 24 day at Henly upon Thames, Baldoc: on Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridge, Lichfield, Exceter, Ciceter: the first thursday in Lent at Banbury.

March.

The 3 day at Bremwel-braks in Norfolk: the 4 at Bedford: the 12 at Alsome in Norfolk, Sudbury, Woburn: the 13 at Wye, Bodwin in Cornwal: the 20 at Durham: the Munday before our Lady day at Kendal, Wisbich: the 25 day at Huntington, Northampton, Malden, Ashwel in Hartfordshire, Newcastle: Midlent at Saffron-walden in Essex: Goodfriday at Norwich: Palm-sunday-eve at Wisbich, Worcester, Pomfret.

April.

Easter munday at Oney in Bedfordsh. Gainsborough.
Easter tuesday at Daintry in Northamptonsh. Godmon-
chester.

Swallow 165.

chester, Schole in Norfolk, S. Edmonds-bury: on Wednesday at Wellingborough in Northamptonsh. on Friday in the same week at Darby: on Saturday at Bickleworth: the 2 at Hitchen, Rochford, Northfleet: the 7 at Darby: the 9 at Billingsworth, Bickleworth: the 22 at Stabford: the 23 at Ipswich, Harbin in Norfolk, Northampton, Sapfar in Hartfordsh. Charing, Hinningham, Tamworth, Bury in Lancashire, S. Pombs in Cornwall: the 27 at Dunmow in Essex, Oakham in Rutlandshire, Buckingham, Darby: the 26 at Tenderden in Kent, Cleet: the 30 at Beverly a week together.

May.

The first day at Haveril in Essex, Layton-buzzard in Huntingtongsh. Rippon in Yorksh. Reading, Maidstone, Tuxford in the clay: the 3 at Elstow in Bedfordsh. Non-eaton in Warwicksh. Thedford in Norfolk, Chelmsford in Essex, Waltham Abby, Hinningham, Rochdale, Bramyard: the 7 at Newton in Lancashire, Beverly, Oxford: the 10 at Rochester, Dunstable, Magfield in Suffolk: on Rogation munday at Reach: on Ascention day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, S. Eedes, Wickham in Lancashire, Middlewich in Chesh, Chappel-frith in Darbyshire, on Whitsun-even at Skipton in Craven: on Whitsunmunday at S. Ives, Rygate in Surrey, Bickleworth, Bradford, Agmonsham in Buckinghamsh. on Whitsun-tuesday at Newmarket: on Wednesday at Royston: on Thursday at Odehil in Northamptonshire: the 16 day at Lenham: the 29 at Crambrook.

June.

On Trinity-eve at Rowel, Kendal: on Corpus Christi at Banbury, Bishopstratford, S. Eedes, Coventry, Newbury: the 9 at Maidstone: the 11 at Breme in Norfolk, Bardfield in Essex: the 17 at Hadstock: the 23 at S. Alban

Swallow 1654.

bans, Deerham in Norfolk, Shrewsbury: the 24 at Halsen in Suffolk, Barnwel beside Cambridge, Bedford, Colchester, Rumford, Reading, Windsor, Halifax, Hartford, Beverly, Haselinden: the 26 at Bristol Darby: the 27 at Burton on Trent, Follstone: the 28 at S. Pombs in Cornwall: the 29 at Peterborough, Ashwell, Sudbury, Stebbing in Essex.

July.

The 1, 2, and 3 dayes at Congleston in Chesh. the 7 at Royston, Burntwood: the Munday after at Fodrington: the 11 at Partney for horses: the 20 at Uxbridge, Coolidge, Woodstock, Barkway: the 22 at Ickleton, Bickleworth, Norwich, Colchester: the 25 at Audlyend beside Walden, Reading.

August.

The first day at Bedford, S. Eedes, Dunstable, Feverham, Wisbich, Bickleworth, Stonistratford: the 10 at Blackamore, Harply in Norfolk, Thaxted in Essex, S. Ives, Bedford, Banbury, Farnham, Brainford: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars bush, Burton: the 29 at Halsen in Suffolk, Harlow bush in Essex, Watford.

September.

The first day at S. Giles in the bush. on Thursday & Friday next before the 8 day, at Sandbach in Chesh. the 7, 8, 9. and 10 dayes at Woodbury-hill in Dorsetsh. the 7 at Ware: the 8 at Huntington, Bury in Lancsh. Partney, Wakefield, Northampton, and Sturbridge fair belonging to Cambridge begins: the 14 at Rippon for horses, Waltham-Abbey, Chesterfield in Darbshire, Richmond: the 21 day at Marleborough, Bedford, Baldoc, S. Edmondsbury, Holden in Holderness, Braintry, Bracklymaiden,

Smallow 1654.

lymaiden, Malden: the 29 at S. Ives, Basingstoke, Market-deeping, Shelford in Bedfordshire, Bishopstratford, Malden for horses, Stow in Lincolnshire, thursday after at Banbury.

October.

The second at Salisbury: the 6 at Havent in Hampsh. Maidston, Coolidge, Gayworth by Lin, S. Faiths: the 8 at Bishopstratford, Harborough: the 9 at Gainsborough in Lincolnshire: the 13 at Windsor, Colechester, Gravesend: the 18 day at Ely, Bishopshatfield, Barnet, Banbury, Thist, Birton on Trent: the 21 day at Saffron-Waldens: the 23 at Bicklesworth: the 28 at Newmarket, Dis in Norfolk, Wakefield, Richdale in Lancashire.

November.

The first day at Chelmsford: the 2 at Upping, Kingston on Thames, Padamhaffon in Suffolk: the 6 day at Newport-p nd, Bedford, Hartford: the 11 at Lodden in Norfolk, Lenton in Nottinghamshire, Hempton in Norfolk, Fockingham in Lincolnshire, Bridgstock in Northamptonsh. Marleborough: the 17 at Spalding in Lincolnshire, Harlow, Lincoln, Hide, Northampton: the 19 at Horsham in Kent: the 20 at S. Edmondsbury, Ingerstone in Essex, Heath: the 23 at Sandwich: the 30 at Baldoc, Bareford, Kollingborough, Maidenhead, Warrington, Rochester.

December.

The 5 at Pluckly: the 6 at S. Eedes, Woodstock, Spalding, Norwich in Cheshire, at Exerer, Senock in Kent, Arundell, Grantham: the 7 at Sandhurst: the 8 at Northampton, Clitheral in Lancashire, Hunnington, Malpas in Cheshire: the 29 at Canterbury, Salisbury

Swallow 1654.

**A Table of the Longitude and Latitude of
some notable Cities and Towns in
England, Scotland, and Wales.**

	Longitude.		Latitude.	
	Degr.	min.	Degr.	min.
Barwick	22	37	55	52
Bristol	21	43	52	41
Caermarthen	20	8	5	15
Carnarvan	20	8	53	33
Chester	21	40	53	32
Chichester	23	37	50	51
Colchester	25	25	52	0
Coventry	22	45	52	42
Cockermouth	21	26	55	7
Cambridge	24	25	52	15
St. Davids	19	13	52	17
Dover	25	44	51	10
St. Edmonds-bury	24	37	52	27
Edenborough	23	50	56	15
Exeter	21	42	50	50
Flamborough	26	10	54	10
Gloucester	22	11	52	10
Hereford	25	43	52	22
Lancaster	21	55	54	22
L O N D O N	24	20	51	32
Ludlow	21	46	52	43
Lyzard point	19	25	50	10
Manchester	22	0	53	42
Norwich	25	36	52	45
Oxford	23	26	51	47
Peterborough	24	0	52	40
Quinborough	25	10	51	32
Rye	25	10	51	0
Shrewsbury	21	47	53	0
South-hampton	22	58	50	10
Tinmouth	24	20	55	10
Walsingham	25	13	52	54
Worcester	23	12	52	30
Yarmouth	26	0	52	46
York	23	30	54	30

Smallow 1654.

Here followeth the time of Sun-setting, and length of the day, in our latitude of *Cambridge.*

January.

Days	The sun setteth.		Length of the day.
1	54 min.	3	7 hou. and 48 min.
3	57 min.	3	7 hou. and 54 min.
5	59 min.	3	7 hou. and 49 min.
7	1 min.	4	8 hou. and 8 min.
9	4 min.	4	8 hou. and 8 min.
11	6 min.	4	8 hou. and 12 min.
13	9 min.	4	8 hou. and 18 min.
15	13 min.	4	8 hou. and 26 min.
17	16 min.	4	8 hou. and 32 min.
19	20 min.	4	8 hou. and 40 min.
21	24 min.	4	8 hou. and 48 min.
23	27 min.	4	8 hou. and 54 min.
25	31 min.	4	9 hou. and 2 min.
27	39 min.	4	9 hou. and 12 min.
29	40 min.	4	9 hou. and 20 min.

February.

Days	The sun setteth		Length of the day.
1	45 min.	4	9 hou. and 30 min.
3	49 min.	4	9 hou. and 38 min.
5	52 min.	4	9 hou. and 44 min.
7	56 min.	4	9 hou. and 52 min.
9	just at 5.		10 hours long just.
11	4 min.	5	10 hou. and 8 min.
13	8 min.	5	10 hou. and 16 min.
15	12 min.	5	10 hou. and 24 min.
17	16 min.	5	10 hou. and 32 min.
19	20 min.	5	10 hou. and 40 min.
21	24 min.	5	10 hou. and 48 min.
23	28 min.	5	10 hou. and 56 min.
25	32 min.	5	11 hou. and 4 min.
27	37 min.	5	11 hou. and 14 min.

London 1654.

March.

Dayes	The sun setteth.		Length of the day.
1	40 min.	5	11 heures 20 minutes
3	44 min.	5	11 heures 28 minutes
5	48 min.	5	11 heures 36 minutes
7	53 min.	5	11 heures 46 minutes
9	57 min.	5	11 heures 54 minutes
11	2 min.	6	12 heures 4 minutes
13	6 min.	6	12 heures 11 minutes
15	10 min.	6	12 heures 20 minutes
17	14 min.	6	12 heures 28 minutes
19	18 min.	6	12 heures 36 minutes
21	22 min.	6	12 heures 44 minutes
23	26 min.	6	12 heures 52 minutes
25	30 min.	6	13 heures just.
27	35 min.	6	13 heures 10 minutes
29	40 min.	6	13 heures 18 minutes

April.

Dayes	The sun setteth.		Length of the day.
1	43 min.	6	13 heures 26 minutes
3	46 min.	6	13 heures 34 minutes
5	50 min.	6	13 heures 40 minutes
7	54 min.	6	13 heures 48 minutes
9	58 min.	6	13 heures 56 minutes
11	1 min.	7	14 heures 2 minutes
13	5 min.	7	14 heures 10 minutes
15	9 min.	7	14 heures 18 minutes
17	13 min.	7	14 heures 24 minutes
19	16 min.	7	14 heures 32 minutes
21	19 min.	7	14 heures 38 minutes
23	23 min.	7	14 heures 46 minutes
25	27 min.	7	14 heures 54 minutes
27	31 min.	7	15 heures 2 minutes
29	35 min.	7	15 heures 10 minutes

May

Swallow 1654

May.

Dayes	The sun setteth.		Length of the day.
1	39 min.	7	15 heures 18 minutes
3	42 min.	7	15 heures 24 minutes
5	44 min.	7	15 heures 28 minutes
7	47 min.	7	15 heures 34 minutes
9	50 min.	7	15 heures 40 minutes
11	52 min.	7	15 heures 44 minutes
13	55 min.	7	15 heures 50 minutes
15	57 min.	7	15 heures 54 minutes
17	just at 8		just 16 heures long
19	2 min.	8	16 heures 4 minutes
21	5 min.	8	16 heures 10 minutes
23	7 min.	8	16 heures 14 minutes
25	9 min.	8	16 heures 18 minutes
27	11 min.	8	16 heures 24 minutes
29	13 min.	8	16 heures 26 minutes

June.

Dayes	The sun setteth.		Length of the day.
1	14 min.	8	16 heures 28 minutes
3	15 min.	8	16 heures 30 minutes
5	16 min.	8	16 heures 31 minutes
7	17 min.	8	16 heures 33 minutes
9	17 min.	8	16 heures 34 minutes
11	17 min.	8	The dayes at longest
13	17 min.	8	16 heures 34 minutes
15	16 min.	8	16 heures 32 minutes
17	16 min.	8	16 heures 31 minutes
19	15 min.	8	16 heures 30 minutes
21	14 min.	8	16 heures 28 minutes
23	12 min.	8	16 heures 26 minutes
25	12 min.	8	16 heures 24 minutes
27	10 min.	8	16 heures 20 minutes
29	9 min.	8	16 heures 18 minutes

Smallow 1654.

July.

Days	The sun setteth.		Length of the day.
1	8	8	16 hou. 16
3	6	8	16 hou. 12
5	4	8	16 hou. 8
7	1	8	16 hou. 2
9	59	7	15 hou. 58
11	56	7	15 hou. 52
13	54 minutes	7	15 hou. 48
15	52 } past	7	15 hou. 44 } minutes
17	49	7	15 hou. 38
19	46	7	15 hou. 32
21	43	7	15 hou. 26
23	40	7	15 hou. 20
25	36	7	15 hou. 12
27	33	7	15 hou. 6
29	30	7	15 ho. just

August.

Days	The sun setteth.		Length of the day.
1	24	7	14 hou. 48
3	20	7	14 hou. 40
5	16	7	14 hou. 32
7	12	7	14 hou. 24
9	9	7	14 hou. 18
11	5	7	14 hou. 10
13	1 minutes	7	14 hou. 2
15	58 } past	6	13 hou. 56 } minutes
17	54	6	13 hou. 48
19	50	6	13 hou. 40
21	46	6	13 hou. 32
23	42	6	13 hou. 24
25	38	6	13 hou. 16
27	34	6	13 hou. 8
29	30	6	13 ho. just

September.

Syallow 1654.

September.

Days	The sun setteth.		Length of the day.
1	24	6	12 hou. 48
3	20	6	12 hou. 40
5	16	6	12 hou. 32
7	12	6	12 hou. 24
9	8	6	12 hou. 16
11	4	6	12 hou. 8
13	just at 6	6	12 hou. just
15	56	5	11 hou. 52
17	52	5	11 hou. 44
19	48	5	11 hou. 36
21	44	5	11 hou. 28
23	40	5	11 hou. 20
25	36	5	11 hou. 12
27	32	5	11 hou. 4
29	28	5	10 hou. 56

October.

Days	The sun setteth.		Length of the day.
1	24	5	10 hou. 48
3	20	5	10 hou. 40
5	16	5	10 hou. 32
7	12	5	10 hou. 24
9	8	5	10 hou. 16
11	4	5	10 hou. 8
13	just at 5.	5	10 hou. just
15	56	4	9 hou. 52
17	52	4	9 hou. 44
19	49	4	9 hou. 38
21	45	4	9 hou. 30
23	41	4	9 hou. 22
25	38	4	9 hou. 16
27	34	4	9 hou. 8
29	30	4	9 hou. just

November

November.

Days	The sun setteth.	Length of the day.
1	25	8 hou. 30
3	22	8 hou. 41
5	18	8 hou. 36
7	14	8 hou. 28
9	11	8 hou. 22
11	8	8 hou. 16
13	5	8 hou. 10
15	3 minutes past	8 hou. 6 minutes.
17	1	8 hou. 2
19	58	7 hou. 56
21	56	7 hou. 52
23	54	7 hou. 48
25	52	7 hou. 44
27	51	7 hou. 42
29	49	7 hou. 38

December.

Days	The sun setteth.	Length of the day.
1	48	7 hou. 36
3	44	7 hou. 34
5	44	7 hou. 31
7	45	7 hou. 30
9	44	7 hou. 28
11	43	7 hou. 26
13	43 minutes	7 hou. 26
15	44 past	7 hou. 28 minutes.
17	45	7 hou. 30
19	46	7 hou. 32
21	47	7 hou. 34
23	48	7 hou. 36
25	49	7 hou. 38
27	50	7 hou. 40

Note that as many min. as the sun sets after 3 | 4 | 5 | 6 | 7 |
 so many minutes it riseth before 9 | 8 | 7 | 6 | 5 |

F I N I S.

